

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2017/0041868 A1 PALIN et al.

Feb. 9, 2017 (43) **Pub. Date:**

(54) METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR LOW POWER DATA DELIVERY

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Appl. No.: 14/821,167 (21)

Filed: Aug. 7, 2015 (22)

Publication Classification

(51) Int. Cl. H04W 52/02

(2006.01)

H04L 12/733 (2006.01)H04L 5/00 (2006.01) (52) U.S. Cl.

CPC H04W 52/0203 (2013.01); H04L 5/0048 (2013.01); H04L 45/122 (2013.01); H04W 52/0216 (2013.01); H04W 84/18 (2013.01)

(57)ABSTRACT

An example embodiment enhances power savings in a wireless network, where each wireless device has a hop count value indicating how many hops away is one or more central wireless devices. A device determines that it has information to deliver to the one or more central devices. It selects a device of the one or more other wireless devices, the selected device having a smaller hop count value, than the hop count value of the device. It enters a sleep mode based on a known repetition interval of wireless device discovery messages received from the selected device. The device awakes from the sleep mode based on the known repetition interval of wireless device discovery messages of the selected device. It then creates a connection with the selected device and transmitting to the selected device the information for delivery to the one or more central devices via the connection.



